

Afternoon Session, June 3, 1896.

Dr. BURT G. WILDER read a paper entitled

THE ECTAL RELATIONS OF THE RIGHT AND
LEFT PARIETAL AND PAROCCIPITAL FIS-
SURES.¹

(ABSTRACT.)

The parietal and paroccipital fissures may be either completely separated by an isthmus, or apparently continuous. When so continuous ectally, there may still be an ental and concealed vadum or shadow. Disregarding the vadum on the present occasion, the ectal relations of the two fissures may be designated as either continuity or separation. That continuity occurs more frequently on the left side has been noted by Ecker, Cunningham, and the writer. Hitherto, however, statistics have included unmated hemispheres as well as mates from the same individuals. The following statement is based upon the cerebrums of 58 adults of both sexes and various nationalities and characters. The speaker has examined 48; the other ten have been accurately recorded by Bischoff, Dana, Jensen and Mills.

The four possible combinations of right and left continuity and separation occurred as follows:

I. Left continuity and right separation in 27; 46.5%.

II. Right and left continuity in 22; 38%.

III. Right and left separation in 8; 13.8%.

IV. Left separation and right continuity in 1; 1.7%.

When five groups are recognized the combinations are as follows:

A. In 8 moral and educated persons, combination I., 62.5; II., 25; III., 12.5.

B. In 23 ignorant or unknown, I., 56.5; II., 34.8; III., 8.7.

C. In 20 insane, I., 40; II., 35; III., 20; IV., 5.

¹ The title of this paper as announced upon the programme was "A Nearly Constant Difference Between the Right and Left Paroccipital Fissures."

D. In 4 murderers, I., 0; II., 75; III., 25.

E. In 3 negroes, I., 33; II., 67.

So far as these 58 individuals are concerned, the most common combination, viz., left continuity and right separation, is decidedly the rule with the moral and educated, less frequent with the ignorant and unknown, the insane and negroes, and does not occur at all in the murderers. The only instance of the reverse combination (left separation and right continuity) is an insane Swiss woman. The only two known to be left-handed presented the more frequent combination I.

These statistics suggest many special queries and problems, some of which were briefly indicated. But the speaker wished this to be regarded as a preliminary communication and asked the co-operation of other members in the effort to obtain satisfactory records of larger numbers, particularly of brains of well-born, moral and educated persons. For this purpose a blank form was outlined.